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UTILITY PATENT APPLICATION TRANSMITTAL

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Customer No. 23696
Attorney Docket No.: 030440
Date: 10/08/2003
Express Mail Label No.: EL977102836US

Dear Sir:
Transmitted herewith for filing is the patent application of:
Inventor(s): JOHN W. KETCHUM, MARK S. WALLACE, J. RODNEY WALTON, STEVEN J. HOWARD
For: RECEIVER SPATIAL PROCESSING FOR EIGENMODE TRANSMISSION IN A MIMO SYSTEM

Enclosed are:
1. ☒ Patent application (29) total pages.
2. ☒ Drawings: ☒ Formal (6) sheet(s) or ☐ Informal ( ) sheet(s).
3. ☒ Declaration/Power of Attorney: ☒ Signed ☐ Unsigned
4. ☐ This application claims priority from Application Serial No. , Filed , Status .
5. ☒ An Assignment (2) pages and Recordation Form Cover Sheet.
6. ☐ A Preliminary Amendment ( ) pages.
7. ☐ Information Disclosure Statement (IDS):
   a. ☐ PTO-1449
   b. ☐ Copies of IDS Citations (number of citations:)
8. ☐ Other:

CLAIMS:	(a) Filed	(b) Extra Claims	Large Entity Fee	Fee Paid
Total*	34 - 20	14	x $18 =	$252.00
Independent**	6 - 3	3	x $86 =	$258.00
Multiple Dependent Claim(s): ☒ No ☐ Yes			$290	$0.00
APPLICATION FILING FEE			$770	$770.00
			TOTAL FEE	$1,280.00

*If the number in column a is less than 20, enter 0 in column b.
**If the number in column b is less then 3, enter 0 in column b.

9. ☐ A check in the amount of $_____ is enclosed to pay the filing fee.
10. ☒ Please charge Deposit Account No. 17-0026 of QUALCOMM Incorporated the amount of $1,280.00. The Commissioner is hereby authorized to charge payment of any additional fees which may be required, or credit any overpayment, to said Deposit Account No. 17-0026. A duplicate of this sheet is enclosed for fee processing.
11. ☒ The Commissioner is further hereby authorized to charge to said Deposit Account No. 17-0026, pursuant to 37 CFR 1.25(b), any fee whatsoever which may become properly due or payable, as set forth in 37 CFR 1.16 to 37 CFR 1.18 inclusive, for the entire pendency of this application without specific additional authorization.

Date: 10/08/2003

Signature: _____
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(858) 651-6137

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